

Title (en)
Mobile communication terminal and route selection method

Title (de)
Mobiles Kommunikationsendgerät und Routenauswahlverfahren

Title (fr)
Terminal de communication mobile et procédé de sélection de route

Publication
EP 1826963 A2 20070829 (EN)

Application
EP 07004150 A 20070228

Priority
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Abstract (en)
A mobile communication terminal communicates with a base station of an infrastructure network via any one of a single-hop route, and a multi-hop route using other terminals. The mobile communication includes an application processor and an access route selector. The application processor is configured to process an application involving communications with the base station. The access route selector is configured to select an access route out of the single-hop route and the multi-hop route, in accordance with information on the application.

IPC 8 full level
H04W 16/26 (2009.01); **H04B 7/15** (2006.01); **H04L 45/122** (2022.01); **H04W 40/34** (2009.01); **H04W 76/02** (2009.01); **H04W 84/12** (2009.01); **H04W 84/18** (2009.01); **H04W 88/04** (2009.01)

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H04L 45/122 (2013.01 - EP US); **H04L 45/20** (2013.01 - EP US); **H04L 45/3065** (2013.01 - EP US); **H04L 69/321** (2013.01 - EP US); **H04W 40/22** (2013.01 - EP US); **H04W 48/06** (2013.01 - EP US); **H04W 84/18** (2013.01 - EP US); **H04W 88/04** (2013.01 - EP US)

Citation (applicant)
• JP 2006052465 A 20060223 - SUMITOMO METAL IND
• DE 10122691 A1 20021121 - SIEMENS AG [DE]
• YAMADA; MASATO ET AL.: "Cooperative Networking Using Infra-multi-hop Architecture in Heterogeneous Mobile Networks", TECHNICAL REPORT OFIEICE, MOMUC2005-66, November 2005 (2005-11-01), pages 47 - 52

Citation (examination)
XIAOXIN WU ET AL: "MADF: a novel approach to add an ad-hoc overlay on a fixed cellular infrastructure", WIRELESS COMMUNICATIONS AND NETWORKING CONFERENCE, 2000. WCNC. 2000 IEE E 23-28 SEPTEMBER 2000, PISCATAWAY, NJ, USA, IEEE, vol. 2, 23 September 2000 (2000-09-23), pages 549 - 554, XP010532308, ISBN: 978-0-7803-6596-4

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Designated extension state (EPC)
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DOCDB simple family (application)
EP 07004150 A 20070228; CN 200710078748 A 20070226; JP 2006052465 A 20060228; US 67956507 A 20070227